



Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: Acetic Acid 9%

Product Use: Laundry cleaner

Supplier: Fabriclean, 8301 Ambassador Row, Dallas, Texas 75247, tel 214-826-4161.

Emergency Contact: Chemtrec, 800-424-9300.

Section 2—Hazards Identification

Physical Hazards: Not Classified as Hazardous

Health Hazards: Eye Corrosion: 1

Skin Irritation: 2

Environmental Hazards: Not Classified as Hazardous

Signal Word: DANGER

Symbols:



Hazard Statements: Causes serious eye damage. Causes skin irritation. Harmful to aquatic life with long lasting effects.

Precautionary Statements: Wash hands thoroughly after handling. Wear protective gloves and eye protection.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Other Hazards: None found.

Unknown Ingredients:

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Acetic Acid	5-10	64-19-7
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin or hair: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a doctor.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Water spray, dry chemical, alcohol foam, or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

Specific hazard arising from chemicals: Explosion: Above flash point, vapor-air mixtures are explosive within flammable limits. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Reacts with most metals to produce hydrogen gas, which can form an explosive mixture with air.

Special equipment and precautions: In the event of a fire, wear full protective clothing and NIOSH approved self contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Water diluted acid can react with metals to form hydrogen gas.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Small spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate. Large spill: Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7—Handling and Storage

Precautions for safe handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Cautions for safe storage: Store locked up.

Incompatibilities: Slightly reactive to reactive with oxidizing agents, reducing agents, metals, acids, alkalis.

Section 8—Exposure controls/personal protection

Exposure Limits: N/D

Specific Engineering: Provide exhaust ventilation or other engineering controls to keep the airborne

concentrations of vapors below their respective threshold limit value.

Individual protective equipment and measures: Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Section 9—Physical and Chemical Properties

Physical State: Liquid	Flammability (solid, gas): N/D
Color: Clear, colorless	Vapor Pressure (mmHg): N/D
Odor: Strong	Vapor Density (air= 1): N/D
Odor Threshold: N/D	Relative Density: N/D
pH: Acidic	Solubilities: In water: N/D
Melting point/freezing Point: N/D	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: N/D	Auto-Ignition Temperature: N/D
Flash Point: N/D	Decomposition Temperature: N/D
Evaporation Rate: N/D	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: LEL: 4.0; UEL: 19.9	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: N/D
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: will not occur.
Incompatible Materials: Slightly reactive to reactive with oxidizing agents, reducing agents, metals, acids, alkalis.	Hazardous Decomposition Products: N/D

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Calculated Value for Mixture	1,893 mg/kg	N/D	N/D
	10,613 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive). Slightly hazardous in case of inhalation (lung sensitizer). Non-corrosive for lungs. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Effects of Chronic Exposure: N/D

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: N/D

Section 12—Ecological Information:

Ecotoxicity: Acetic Acid (64-19-7): LC50 fishes 1 75 mg/l (96 h; Lepomis macrochirus)

EC50 Daphnia 1 47 mg/l (24 h; Daphnia magna; Not neutralized)

EC50 other aquatic organisms 1 > 5000 mg/l (5 h; Activated sludge)

LC50 fish 2 94 mg/l (96 h; Oryzias latipes)

EC50 Daphnia 2 95 mg/l (24 h; Daphnia magna; Static system)

Acetic Acid (64-19-7)

TLM fish 1 100 ppm (96 h; Carassius auratus)

Threshold limit algae 1 90 mg/l (192 h; Microcystis aeruginosa; Neutralized)

Threshold limit algae 2 4000 mg/l (192 h; Scenedesmus quadricauda; Neutralized)

Persistence and degradability: N/D	Bioaccumulative Potential: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Dispose of contents and container in accordance with local, regional, national, international regulations.

Section 14—Transport Information

UN number:	UN proper shipping name:
Transport hazard class(es) :	Packing group if applicable:
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

No information found.

Section 16—Other Information

Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

Date SDS Prepared: July 13, 2015

Suggested NFPA rating: H=2, F=0, I=0, S=None.

Suggested HMIS rating: H=3, F=0, P=0, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of

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